

106.087

BULLETIN  
(formerly JOURNAL)  
OF THE  
AMERICAN GEOGRAPHICAL SOCIETY  
OF  
NEW YORK

MDCCCCH



VOL. XXXV

NEW YORK  
PUBLISHED BY THE SOCIETY

G12

A512 7,7

V. 35

# CONTENTS.

	PAGE
List of Officers and Councillors.....	vi
Honorary and Corresponding Members and Fellows.....	295
The Syrians of Persia and Eastern Turkey. By WM. A. SHEDD.....	1
The Mississippi River from Cape Girardeau to the Head of the Passes. By ROBERT MARSHALL BROWN.....	8
Varieties of Tides. By ALEXANDER BROWNLIE.....	17
The Panama Canal. By GEORGE S. MORISON.....	24
Co-operative Topographic Survey of New York.....	44
Cattle Industry in the United States.....	47
The Most Northern Railroad.....	49
Improvements to Navigation in the Gulf of St. Lawrence. By Lieut.-Col. WM. P. ANDERSON.....	62
Forest Reserve in the Southern Appalachians.....	64
Earthquake and Volcanic Centres in the Philippines.....	66
The Boundary between Chile and Argentina.....	69
Physiographic Notes. By R. S. TARR.....	74
The Huichol Indians of Mexico. By CARL LUMHOLTZ.....	79
Spiritual Beings in West Africa: Their Classes and Functions. By ROBERT HAMILL NASSAU.....	115
Culebra Island. By A. C. HAESELBARTH.....	125
The Economic Geography of the Argentine Republic. By J. RUSSELL SMITH.....	130
The North-West Passage and the Circumnavigation of America. By ANDREW J. STONE.....	143
Geography and International Boundaries. By ISRAEL C. RUSSELL.....	147
Hydrologic and Hydrographic Surveys of the United States.....	156
Comparison of Distances by the Isthmian Canal and other Routes. By EMORY R. JOHNSON.....	163
Cornell Summer School of Geology and Geography.....	177
Abstract of a Lecture by MR. HARRY DE WINDT.....	179
The Languages of Mexico. By CARL LUMHOLTZ.....	202
Geography in the University of Chicago.....	207
Notes during a Journey in Guatemala, March-December, 1902. By GUSTAV EISEN.....	231
The Climate of the Philippines. By WALTER S. TOWER.....	253
Topographic Surveys of New Jersey, Massachusetts and Ohio.....	261
The New Port of Vera Cruz.....	291
The Earthquake and Volcanic Eruptions in Guatemala in 1902. By GUSTAV EISEN.....	325
The Climate of South America. By R. DE C. WARD.....	353
Guayaquil and Quito Railway. By F. W. BENNETT.....	361
Notes on the U. S. Geological Survey.....	365
Mr. Peary's Expedition to the Arctic.....	374

	PAGE
Sheets of the U. S. Atlas. By HENRY GANNETT.....	398
Latitude and Longitude of Chengtu-fu.....	414
Two Years in Argentine as Consulting Engineer of National Public Works. By E. L. CORTHELL.....	439
The City of Rocks. By U. FRANCIS DUFF.....	472
The Island of Guam.....	475
Topographic Survey of the United States.....	477
The Panama Canal in its Commercial Aspects. By EMORY R. JOHNSON....	481
Explorations of the Russian Hydrographic Expedition in the Arctic Ocean in 1902.....	491
Alaskan Cables and Telegraphs.....	494
Report of Commander R. E. Peary on Work in the Arctic, 1898-1902.....	496
Human Bones Found near Galveston—A Letter.....	548
Obituary { Paul Du Chaillu.....	230
{ Rear-Admiral Bancroft Gherardi, U. S. N.....	564
The Geographical Record.....	50, 180, 264, 377, 534
New Maps.....	71, 198, 280, 404, 550
M. Froidevaux's Paris Letter.....	94, 209, 283, 408, 554
Accessions to the Library.....	99, 215, 288, 426, 559
Book Notices.....	103, 221, 311, 415, 566
Notes and News.....	109, 433, 584
*Transactions of the Society.....	111, 227, 565
Index.....	587